

Japanese Knotweed (*Fallopia japonica* or *Polygonum cuspidatum*)



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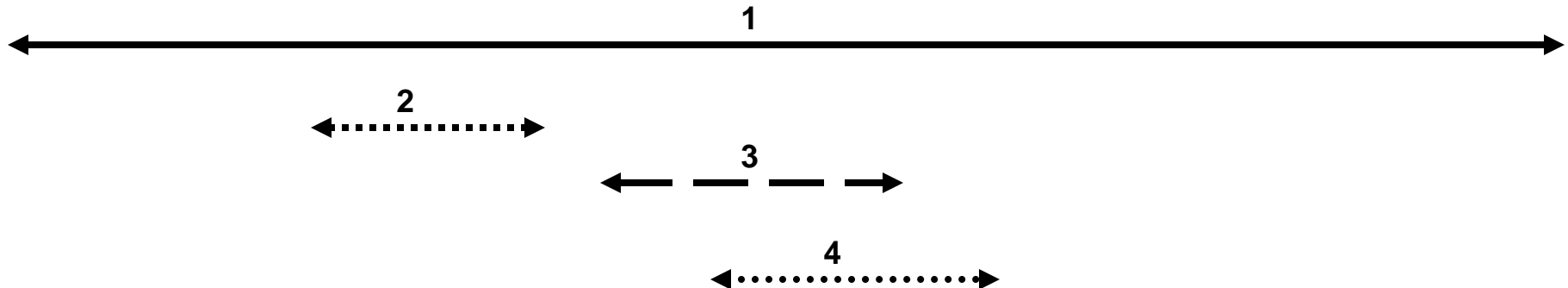


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Lifecycle:

January	February	March	April	May	June	July	August	September	October	November	December
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Control Techniques:



Japanese Knotweed (*Fallopia japonica* or *Polygonum cuspidatum*)

I.D. Tips

- Can grow over ten feet tall.
- Upper leaf surfaces feel like fine sandpaper. Leaves are heart shaped, but square at base
- Hollow stems are reddish-brown or tan.
- Tiny, upright flowers clusters.

Lifecycle

- Takes advantage of disturbed soils.
- Occasionally reproduces sexually, mainly spreads by rhizomes (up to six feet deep and 60 feet long).
- Flowers and fruits in the summer.

Control/Eradication Techniques

1. (All year) Cover the infested area with tarps. Clear away the old plants, lay the tarps so they overlap, and weigh down the edges. Covering the plants smothers them and prevents growth. Any growth that does occur will be minimal, and you should trample this down.
2. (Spring) Grubbing- dig up the roots and all runners associated with it, best to use this method in conjunction with a chemical treatment
3. (Summer) Cutting back the plant repeatedly may help slow its growth
4. (late Summer, early Fall) Chemicals:
 - A. Cut-Stem Application: cut the stems 2 inches above the ground, immediately apply 25% glyphosate or triclopyr solution
 - B. Foliar Spray: 2% glyphosate or triclopyr solution, but not such a heavy spray that the leaves are dripping. Also recommend a 0.5% non-ionic surfactant. Can be done as long as the air temp is above 65°F.